



# Salaba™

## Portland Limestone Cement

### CEM II-4-1 A-L 42.5 N



- Grey cement for high-performance concrete. It dedicated to infrastructure and building constructions
- Certified cement compliant with Libyan standards LSS NO:340/2009 and compliant with the European specification EN 197-1-2000

#### Product advantages & applications

- High initial strength for heavy precast
- Increased workability of concrete and better fluidity
- Provides a high concrete performance
- Better concrete durability

#### Recommended mix-design

<b>Concrete C25/30 mix design</b>	<b>Cement</b>	<b>Dry sand 0/5mm</b>	<b>Dry gravel</b>		<b>Water</b>
	 x1	 x7*	 x5*	 x4*	<b>25L</b>

\*10L

#### Technical characteristics

Setting time in 24 <sup>h</sup> (mn)	Value
Initial setting time	<b>Min 60</b>
Final setting time	

Compressive strength	Value (mpa)
7 days	<b>10 ≤</b>
28 days	<b>42.5 ≤</b>

Mineral structure of clinker	Value
C3S	<b>60% ± 2</b>
C3A	<b>7.5% ± 1</b>

Physical properties	Value
% Standard water percentage	<b>26% ± 2</b>
Specific surface (Baline)	<b>3 300 ± 100</b>
CI	<b>2 mm ≥</b>

Physical properties	Value
% Standard water percentage	<b>26% ± 2</b>
Specific surface (Baline)	<b>3 300 ± 100</b>
Stretch	<b>2 mm ≥</b>